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F. H. WOODRUFF & SONS, Inc.
MILFORD, CONN.

**BRONZE
QUEEN**



Bulbs

for FALL PLANTING

SECTION 562, P. L. & R.

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MILFORD, CONN.

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U. S. Department of Agriculture

**DR. V. R. BOSWELL,
U. S. HORTICULTURAL
STATION
REITSVILLE, MARYLAND**

SOW YOUR LAWN IN THE FALL



Grass Mixtures for Sunny Places

TURF-MAKER. A different lawn seed mixture. Made entirely of perennial varieties, including Colonial Bent, Kentucky Bluegrass, Red-Top and *Poa trivialis*. Contains less than 3 per cent inert matter. Lb. 65 cts.; 3 lbs. \$1.90; 5 lbs. \$3.00; 10 lbs. \$5.75; 25 lbs. \$13.75; 50 lbs. \$26.00; 100 lbs. \$50.00.

Fine-Green. An extra-clean blend of Colonial Bent, Kentucky Bluegrass, Chewing's Fescue, and Red-Top. Lb. 55 cts.; 3 lbs. \$1.60; 5 lbs. \$2.50; 10 lbs. \$4.50; 25 lbs. \$11.25; 50 lbs. \$21.00; 100 lbs. \$40.00.

Milford Green. Makes a good, clean, sound turf. Contains White Clover. Lb. 50 cts.; 3 lbs. \$1.45; 5 lbs. \$2.25; 10 lbs. \$4.25; 25 lbs. \$10.00; 50 lbs. \$18.75; 100 lbs. \$35.00.

Best Lawn. Has a Kentucky Bluegrass base; contains White Clover. Lb. 45 cts.; 3 lbs. \$1.30; 5 lbs. \$2.00; 10 lbs. \$4.00; 25 lbs. \$8.75; 50 lbs. \$16.25; 100 lbs. \$30.00.

Grass Mixtures for Shady Places

Tru-Shade. The best shady mixture possible to make. It contains 80 per cent of shade-tolerant varieties, including *Poa trivialis*, Chewing's Fescue, and Kentucky Bluegrass; also enough Red-Top to afford a nurse; inert matter less than 3 per cent. Lb. 70 cts.; 3 lbs. \$2.00; 5 lbs. \$3.25; 10 lbs. \$6.25; 25 lbs. \$15.00; 50 lbs. \$28.00; 100 lbs. \$55.00.

Shady Spot. A serviceable shade-tolerant blend. Lb. 55 cts.; 3 lbs. \$1.60; 5 lbs. \$2.50; 10 lbs. \$4.75; 25 lbs. \$11.25; 50 lbs. \$21.00; 100 lbs. \$40.00.

Special-Purpose Grass Mixtures

Poor Soil. Will grow where others fail. Lb. 60 cts.; 3 lbs. \$1.70; 5 lbs. \$2.90; 10 lbs. \$5.25; 25 lbs. \$12.50; 50 lbs. \$23.00; 100 lbs. \$45.00.

Other Special-Purpose Mixtures include: **Terrace, Putting Lawn, Athletic Field**, and others designed to meet certain needs. Let us quote prices for whatever you may require.

GRO-SOD LAWN FOOD

This is our own blend of grass plant-foods, designed to *feed* the grass over a considerable period of time. Analysis: 10 per cent Nitragin (of which half is organic), 6 per cent Phosphoric Acid, and 4 per cent Potash soluble in water. One pound of Gro-Sod Lawn Food is enough complete plant-food for 100 square feet of lawn for the entire spring season if applied in late March or early April. For best results, follow with a second feeding during September.

5 lbs. 75 cts.; 10 lbs. \$1.25; 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.00; 1000 lbs. \$50.00; 2000 lbs. \$95.00. Freight paid on 100 lbs. or more



F. H. WOODRUFF & SONS, Inc.

Seed Growers and Merchants

MILFORD

CONN.

WOODRUFF'S

Giant Tulips

We are listing a collection of Tulips which have been carefully selected for both beauty and dependability from the hundreds of varieties now in commerce.

The entire Tulip range is here in varieties anyone can succeed with.

Tulips are useful in beds of solid colors, in groups in the border, and are especially effective with an evergreen background to set off their exquisite colors.

DARWIN TULIPS

The DARWINS are the best known and the most popular of all Tulips. The grace and beauty of the richly colored blossoms, poised on tall and slender stems that bend and sway in the breezes, are unsurpassed by any other spring flowers. Moreover, it matters not whether the garden be small or large, Darwin Tulips display to advantage everywhere. Darwins blend well with other bulbs and spring-flowering plants.

AFTERGLOW

26 in. A very showy Tulip. Deep rosy orange, edged with salmon. 50 cts. per doz.; \$3.75 per 100; \$35.00 per 1000.

CLARA BUTT

26 in. An old favorite variety of delicate salmon-rose color. 45 cts. per doz.; \$3.50 per 100; \$32.00 per 1000.

DREAM

24 in. Beautiful shade of pale lavender. One of the newer and most popular varieties. 50 cts. per doz.; \$3.75 per 100; \$35.00 per 1000.

FARNCOMBE SANDERS

28 in. Brilliant dark rosy red with a clear white base. 45 cts. per doz.; \$3.50 per 100; \$32.00 per 1000.

INGLESCOMBE YELLOW

20 in. A bright and attractive yellow. 50 cts. per doz.; \$3.75 per 100; \$35.00 per 1000.

LA TULIPE NOIRE (The Black Tulip)

25 in. Maroon-black, the nearest of all to black, with an enormous flower. 60 cts. per doz.; \$4.00 per 100; \$37.50 per 1000.

PRIDE OF HAARLEM

28 in. One of the Tulips most used for bedding. Rosy carmine. 45 cts. per doz.; \$3.50 per 100; \$32.00 per 1000.

PRINCESS ELIZABETH (Julie Vinot)

28 in. Vivid rosy pink. 50 cts. per doz.; \$3.75 per 100; \$35.00 per 1000.

WHITE QUEEN (La Candeur)

24 in. White, slightly tinged blush. 50 cts. per doz.; \$3.75 per 100; \$35.00 per 1000.

WILLIAM COPLAND

24 in. Lilac. Should be in every Tulip collection. 50 cts. per doz.; \$3.75 per 100; \$35.00 per 1000.

WOODRUFF'S GIANT MIXED DARWINS

A superior mixture of the best and most lovely varieties. 40 cts. per doz.; \$3.25 per 100; \$30.00 per 1000.

OUR TULIPS ARE ALL TOP-SIZE AND HOLLAND GROWN

COTTAGE TULIPS

These Single Late Tulips, also called May-flowering Tulips, differ from Darwins and Breeders in several ways. The predominant colors are more brilliant than those of other types, and they appear to best advantage before a background of shrubs, avoiding a formal arrangement. Excellent for cut-flower arrangement.

Dido. 32 in. Orange-rose, edged with orange-yellow. Very large. 50 cts. per doz.; \$3.75 per 100; \$35.00 per 1000.

Mrs. Moon. 24 in. Pure yellow; large flower. 60 cts. per doz.; \$4.00 per 100; \$37.50 per 1000.

Picotee. 26 in. White, margined with rosy pink. 50 cts. per doz.; \$3.75 per 100; \$35.00 per 1000.

Rosabella. 26 in. Soft pink with a creamy white center. A beautiful flower. 60 cts. per doz.; \$4.00 per 100; \$37.50 per 1000.



LOUIS XIV

FINEST HOLLAND-GROWN TOP-SIZE BULBS

BREEDER TULIPS

The Breeders flower at the same time as the Darwin and Cottage Tulips. They are the old-fashioned Dutch Tulips, similar to Darwins except for their colors, which are mainly bronzes, browns, violets, and purples. They have long stems, as do the Darwins.

Bronze Queen. 28 in. A pleasing shade of bronze-buff, the inside golden bronze. 60 cts. per doz.; \$4.00 per 100; \$37.50 per 1000.

Louis XIV. 30 in. An outstanding variety. Dark purple, flushed with bronze, passing to golden brown, inside purple. 70 cts. per doz.; \$5.00 per 100; \$45.00 per 1000.

Panorama (Fairy). Deep orange-red, shaded mahogany. An enormous flower. 60 cts. per doz.; \$4.00 per 100; \$37.50 per 1000.

Prince of Orange (Orange Beauty). Deep orange-red, with golden orange margin. 60 cts. per doz.; \$4.00 per 100; \$37.50 per 1000.



SIRENE

SINGLE EARLY TULIPS

For earliest flowering; all excellent colors.

Couleur Cardinal. Fine, large, brilliant crimson flower on strong stem. 65 cts. per doz.; \$4.50 per 100; \$40.00 per 1000.

Ibis. Large deep rose flower. 60 cts. per doz.; \$4.00 per 100; \$37.50 per 1000.

Keizerskroon. Bright red, edged with yellow. Extra-large flower and tall stem. 70 cts. per doz.; \$5.00 per 100; \$45.00 per 1000.

Prince of Austria. Large, orange-red flower, scarlet inside. 60 cts. per doz.; \$4.00 per 100; \$37.50 per 1000.

Yellow Prince. Bright yellow, feathered with red; very sweet-scented. 60 cts. per doz.; \$4.00 per 100; \$37.50 per 1000.

PARROT TULIPS

The Parrots are a pleasing novelty, with very brilliant coloring. Their fault is their weak stems, and, as a consequence, they must be planted where they will be protected from wind—say amongst or in front of shrubs.

Fantasy. The outstanding Parrot Tulip. More sturdy than the older types. Blooms salmon-rose blended with a greenish shade. 10 cts. each; 70 cts. per doz.; \$5.00 per 100; \$45.00 per 1000.

Fancy Mixed Parrots.

These will be the feature of your Tulip garden. A superb mixture of attractive colors. 60 cts. per doz.; \$4.00 per 100; \$37.50 per 1000.

DOUBLE EARLY TULIPS

These large showy Tulips resembling Peonies in the doubleness of their bloom deserve to be more widely grown. They are uniform in height and brilliant in color. In addition they are noted for their long-lasting qualities.

Electra. A splendid deep carmine. 70 cts. per doz.; \$5.00 per 100; \$45.00 per 1000.

Peach Blossom. Deep pink. The most popular double pink variety. 70 cts. per doz.; \$5.00 per 100; \$45.00 per 1000.

Mr. van der Hoef. Large, pure golden yellow flower. 70 cts. per doz.; \$5.00 per 100; \$45.00 per 1000.

Vuurbaak. Very double brilliant scarlet flower on strong stem. 70 cts. per doz.; \$5.00 per 100; \$45.00 per 1000.

TRIUMPH TULIPS

Triumphs are newcomers. They bloom between the Earlies and Darwins and are a valuable addition to the marvelous assortment of Tulips available today. You must give them a trial.

Mississippi. Very attractive deep scarlet. 65 cts. per doz.; \$4.75 per 100; \$42.50 per 1000.

Mr. Zimmerman. Large very fine rose flower. 65 cts. per doz.; \$4.75 per 100; \$42.50 per 1000.

Telescopium. Beautiful violet-rose on a tall stem. 70 cts. per doz.; \$5.00 per 100; \$45.00 per 1000.

U. S. A. Orange-red, margined with orange-yellow. 60 cts. per doz.; \$4.50 per 100; \$37.50 per 1000.

LILY-FLOWERED TULIPS

Lily-flowered Tulips are distinct types of the Cottage family and are very beautiful.

Sirene. The outstanding variety of this type, with a long stem and a lovely satin-rose color. 10 cts. each; 70 cts. per doz.; \$5.00 per 100; \$45.00 per 1000.



MR. ZIMMERMAN

F. H. WOODRUFF & SONS, Inc.
Seed Growers and Merchants • • MILFORD, CONN.



KING ALFRED



POETICUS ORNATUS



SPRING GLORY



TULIPA CLUSIANA

TULIPA SPECIES

The original wild Tulips, suitable for rock-gardens or borders.

Clusiana. White and rose, with claret base. 7 cts. each; 65 cts. per doz.; \$4.50 per 100.

Kaufmanniana. The "Waterlily Tulip." Creamy yellow, outside shaded soft red. Very early. 10 cts. each; 80 cts. per doz.; \$6.00 per 100.

Early-Flowering BULBS



CHIONODOXA

Called "Glory-of-the-Snow." These are early spring-flowering bulbs that are ideal for rockeries and for naturalizing. Bright blue, starlike flowers, often used with snowdrops for bordering. 4 cts. each; 35 cts. per doz.; \$2.50 per 100.



SNOWDROPS

(*Galanthus*)

These should be planted where they can be left undisturbed for several years. Lovely white flowers. 4 cts. each; 40 cts. per doz.; \$2.75 per 100.

NARCISSUS • *Daffodils*

Narcissi are easy to grow and in most gardens succeed well and even increase from year to year. Early planting in a well-drained and deeply dug soil should bring excellent results. They blend well with forget-me-nots, wallflowers, and primulas.

For early fall planting:

Emperor. All yellow. A strong grower. 10 cts. each; \$1.00 per doz.; \$6.50 per 100.

Empress. White with yellow trumpet. 10 cts. each; \$1.00 per doz.; \$6.50 per 100.

Lucifer. White with glowing orange-red cup. 10 cts. each; \$1.00 per doz.; \$6.50 per 100.

King Alfred. Rich golden yellow. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Spring Glory. Early. White with yellow trumpet. 10 cts. each; \$1.10 per doz.; \$8.00 per 100.

Ornatus. (*Poeticus*.) Pure white, with yellow cup, margined scarlet. 10 cts. each; \$1.00 per doz.; \$6.50 per 100.

Laurens Koster. (*Poetaz.*) One of the best. Pure white with yellow cup. 10 cts. each; \$1.10 per doz.; \$8.00 per 100.

Paper-Whites. For indoor culture. 5 cts. each; 45 cts. per doz.; \$3.50 per 100.

HYACINTHS

For a bed of Hyacinths, use about 60 bulbs per square yard. In a border, a dozen in a group will give a fine splash of color.

City of Haarlem. Single. Lovely golden yellow.

Gertrude. Single. Carmine-rose. Excellent for forcing.

King of the Blues. Single. Rich deep blue.

L'Innocence. Single. Pure white. The leading white for forcing and bedding.

La Victoire. Single. Brilliant light red.

Queen of the Blues. Single. Light porcelain-blue.

PRICES: (Be sure to specify varieties when ordering.)

First Size: 15 cts. each; \$1.60 per doz.; \$12.00 per 100.

Large Bedding Size: 10 cts. each; \$1.00 per doz.; \$7.50 per 100.



MUSCARI

The Grape Hyacinth. Excellent for edging or in a rock-garden. Should be left in the ground from year to year for best results.

Heavenly Blue. 4 cts. each; 35 cts. per doz.; \$2.50 per 100.

CROCUS

The very earliest of spring flowers, Crocus may be used as a border, naturalized in the lawn, or used in groups in the rock-garden. They are left in the ground from year to year.

Blue Giant-flowering.

Mammoth Yellow Giant-flowering.

Striped Giant-flowering.

White Giant-flowering.

Mixed Colors, Giant-flowering. 30 cts. per doz.; \$2.00 per 100; \$15.00 per 1000.

All above Crocus, except where noted, 35 cts. per doz.; \$2.50 per 100; \$18.00 per 1000

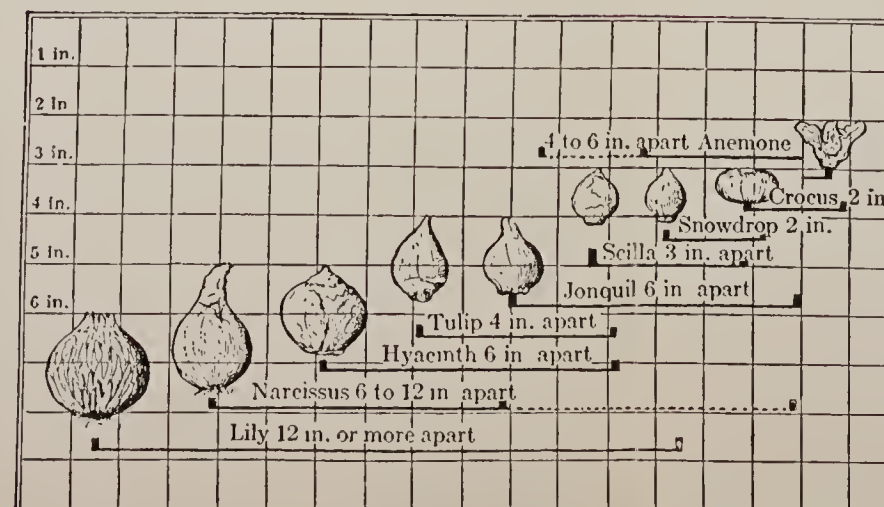


SCILLA

Sibirica. The loveliest blue. Often used around beds of tulips or other larger-growing bulbs. 4 cts. each; 40 cts. per doz.; \$3.00 per 100.



DUTCH HYACINTHS



Quantity of Bulbs Necessary for Round Beds

Diameter	Distance apart	
	4 in.	6 in.
3 ft.	95	37
4 ft.	127	61
5 ft.	225	81
6 ft.	271	127
7 ft.	410	169
8 ft.	469	225
9 ft.	650	271
10 ft.	721	331



GIANT-FLOWERING CROCUSES

Bulbs

HOW TO USE THEM FOR BEST EFFECTS



In general, bulbs require no especially fertile soil, but it should be deeply dug to afford good drainage. Buy good bulbs, for quality means more than quantity. Order early and plant early. Plant in masses. A better effect is obtained by using a hundred bulbs of one variety than by ten patches of ten different varieties. Choose colors with care, and rather than risk clashes of coloring, separate the colors by white and cream varieties. Lift Tulips annually, other bulbs when necessary, but do not disturb Scilla or Snowdrops, any

more than you must. Do not use manure at planting-time. Bonemeal and well-decayed cow-manure are excellent. Water indoor-grown bulbs regularly.

Bulbs always appear best in masses against a background of shrubs or evergreens, where the brilliant colors of the bulbs stand out in all their beauty. Short-stemmed sorts should, of course, be planted in front of the longer-stemmed ones, with the very short ones at the margins of the bed. Consult the depth-of-planting chart on another page.

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